# III. ENVIRONMENTAL REVIEW

# **Table of Contents**

		<u>Page</u>
A. Introduction		III-1
	nce of Environmental Review	III-2
	tal Review Program Implementation Responsibilities	III-2
Attachment 1:	Comparison with Federal Laws and Authorities	III-11
Attachment 2	Statutory Checklist	III-21
Attachment 2a	Compliance Worksheet	III-23
Attachment 3	Steps in Historic Review Process	111-27
Attachment 4	Activities Exempt from Further Review	III-28
Attachment 5	Initial Activity Review Form - Architectural/Historical Resources	III-31
Attachment 6	Archeological Review	III-33
Attachment 7	SHS Requirements for Activities Other Than Rehab	III-35
Attachment 8	National Wild and Scenic Rivers System Components	III-38
Attachment 9	HUD Circular Letter HD-85-8 (Runway Clear Zones)	111-41
Attachment 10	Federally Listed threatened and Endangered Species	III-45

# A. INTRODUCTION

All HOME activities are subject to the provisions of the National Environmental Policy Act of 1969 (NEPA), which establishes national policy and procedures for protecting, restoring and enhancing environmental quality. They are also subject to other statutes, Executive Orders and regulations dealing with a number of specific environmental concerns, such as historic preservation, floodplains, wetlands, noise and others. NEPA is intended to:

- (1) improve decision-making by ensuring that all relevant information is considered and
- (2) make that information available to the public.

Environmental regulations are found in the Environmental Review Procedures for Entitles Assuming HUD Environmental Responsibilities - 24 CFR Part 58, dated April 1, 1997. You may review the most recent regulations online at the following electronic address: <a href="http://www.gpoaccess.gov/topics/environment.html">http://www.gpoaccess.gov/topics/environment.html</a>. Sections 58.10 through 58.14 require grantees (local governments receiving funds) to assume the responsibility for environmental reviews. Overall Environmental Review for the HOME program is done by the Environmental Desk. Grantees can meet their responsibilities by familiarizing themselves with the areas addressed by environmental review and providing DHCD with accurate information about activity sites. The Grantee has a legal responsibility for meeting all environmental review requirements stated in the HOME contract.

# B. THE IMPORTANCE OF ENVIRONMENTAL REVIEW

The Department of Commerce (COMM) and the Division of Housing and Community Development (DHCD) cannot release HOME contract funds until the environmental review process is complete, and an award and contract are in place.

# C. ENVIRONMENTAL REVIEW PROGRAM IMPLEMENTATION RESPONSIBILITIES

# **Statutory Checklist**

Each project file should contain a project specific completed copy of the Statutory Checklist (Attachment 2).

# **Historic Properties**

Attachment 3 outlines the steps to be taken when reviewing individual projects for their potential impact on historic resources.

For each property that is 50 years or older and where the proposed work is not listed as <u>Historical Activities Exempt from Further Review</u> (Attachment 4), you must complete an <u>Initial Project Review Form</u> (Attachment 5) and return it to DHCD. DHCD will determine whether additional historical review is required.

Failure to properly complete the Initial Project Review form (Attachment 5) will result in delays. Please provide ALL requested information. It is essential that the proposed exempt and non-exempt worklists be included. Photos can be color or black and white, and should depict a full view of the property and closeups of work areas.

If the project is located in an incorporated area, include a complete street address. If your community is unincorporated, include the Town, Range and Section. The accuracy of information you supply makes a difference in how long it takes to review your project. If you have questions, please call DHCD Environmental Review Desk at 608/267-2712.

Any projects that propose demolition, relocation, new construction, capital improvements or ground disturbance must review Attachment 7. No work other than activities listed as exempt can be undertaken until there has been an opportunity to review the property to determine its eligibility for inclusion in the National Register of Historic Places. The time needed for review is approximately 30 days. NOTE: A realtor's estimate of the

building's age is not acceptable. A title abstract or similar documentation of the age must be used.

**NOTE:** DHCD has recently negotiated a new programmatic agreement with the Wisconsin Historical Society that substantially changes some aspects of the historic review process. In the event that a property address you have submitted is listed on the Wisconsin Historical Society's *Wisconsin Architecture and Historic Inventory* database, DHCD will, with the assistance of the grantee, make a determination whether the property is eligible for inclusion in the National Register of Historic Places, and whether the activities you have proposed will have an adverse impact on the property. In this limited number of cases, DHCD may require considerable assistance from grantees to gather historical information about the property to enable DHCD to make its determination. Please read Attachment 7 to better understand the new review process.

# **Archeological Review**

If a project causes new ground disturbance and if the project cannot be characterized as repair, replacement, rehabilitation, or renovation, you must forward the proposed project to the Environmental Desk for archeological review. For each such project complete an Archeological Review form (Attachment 6). Accurate documentation helps to speed the review process. All new construction requires an archeological review. The archeological review process is similar to that of historic review properties. DHCD will determine whether projects affect sites eligible for listing on the National Register, and whether adverse impacts will occur, and what mitigation measures must be taken.

# Coastal Zone Management

Grantees proposing rehab projects on sites in coastal zone erosion areas should submit projects to the Regional Planning Commission which has jurisdiction in the Grantee's community for review. Coastal zone erosion areas include:

- areas along or adjacent to the Lake Michigan or Lake Superior shoreline, or
- along rivers or streams that drain into either lake, or
- areas within two miles of either shoreline.

# Wild and Scenic Rivers

Grantees are discouraged from rehabbing sites that front the Upper and Lower St. Croix and Wolf rivers, and other river segments found on Attachment 8. If the grantee proposes to undertake projects on such sites, consult with DHCD.

# **Runway Clear Zones**

Grantees must consult with HUD Circular letter HD 85-8 and notify residents of any property found in runway clear zones, in accordance with Attachment 9.

# Manufactured Hazards or Manmade Hazards

Grantees must determine whether leaking underground storage tanks, hazardous waste facilities, toxic chemcials or radioactive materials, or other potential public health and safety problems either directly or indirectly affect proposed project sites. A useful map and list of sites regulated by the Environmental Protection Agency, sorted by zipcode, is available at the following website address: <a href="www.epa.gov/epahome/commsearch.htm">www.epa.gov/epahome/commsearch.htm</a>. A list of contaminated sites can be found at:

http://www.dnr.state.wi.us/org/aw/rr/brrts/index.htm. If there is any question, consult with DHCD for assessment assistance.

Manufactured hazards include exposure to hazardous chemicals via the air, soil, and water, as well as risks to life and property through proximity to railroads and other industrial activities. 'Air-borne hazards' refer to releases of chemicals from aboveground chemical storage facilities. 'Water-borne hazards' include contamination of groundwater by leaking underground storage tanks into well fields. Soil contamination by chemical spills is another means by which humans are exposed to manufactured hazards. Housing sites located within one-quarter mile of industries using or storing hazardous chemicals are generally not suitable. Sites where new construction is to occur must be evaluated to determine whether hazards exist. Sites adjacent to active railroads are also hazards which exposes residents to risk through railroad accidents. Such sites should be avoided wherever possible.

# **Noise**

General. Regulations found at 24 CFR Part 51, Subpart B, establish noise standards to encourage noise control at the state and community level. In order to determine whether sound levels at a given location are acceptable, HUD has adopted the use of a day-night average sound level (DNL) descriptor. An acceptable DNL does not exceed 65 decibels (dBs). DNLs above 65, but not in excess of 75dBs, are acceptable only if measures are taken to mitigate (lessen or minimize) the noise. Typical sources of excessive noise are highways, railroads, airports and stationary noise sources such as factories.

- 1. Highways. Generally speaking, a major highway is an interstate or other comparable 4-lane divided highway, truck routes in urban areas, U.S.-numbered highways, state-numbered highways, and principal streets within cities. Local access streets in residential districts are not major highways. If the project site is located within 1,000 feet (approximately 0.2 miles) of a major highway, then it is necessary to conduct a noise assessment. An important piece of information in making such an assessment is the traffic count--the number of cars and trucks using the highway in a 24-hour period. Traffic counts are often available either from a city's streets or traffic department, or from the State Department of Transportation, Planning and Budget Division, Data Development Section, 4802 Sheboygan Avenue, Madison, Wisconsin 53705. Phone: 608/266-3661. Traffic counts for major streets are also available from DHCD. Contact the Environmental Review desk at 608/267-2712. Traffic counts do not exist for all streets. When counts do not exist, it is necessary to get the traffic count closest to the location of the facility.
- 2. Railroads. The principal factors in measuring railroad noise are: the distance from the project site to the tracks, the number of trains per day, the speed of the

trains, the average number of engines and cars for each train, and whether there are any intervening buildings to moderate the noise. This information can usually be obtained from the nearest freight agent of the railroad. Abandoned tracks, or railroad lines with less than daily service, are not considered to be significant noise sources.

- 3. Airports. The most critical factors in assessing airport noise are: the number of scheduled jet flights, the portion of which are night flights, and the distance of the project site from the flight path. The airport manager can supply this information to you. The number of nonjet flights is not a factor in this calculation.
- 4. Stationary Noise Sources. Factories and industrial facilities should be considered potential noise sources as well. The distance from the project site to the noise source, the hours of operation of the industrial facility, and whether there are any intervening buildings to moderate the noise must be considered.
- 5. The focus of the regulations is to determine the noise level of the actual location where the funded activity is to take place. In most cases, it is the <u>interior</u> noise level of a building that is of importance. If interior noise levels are determined to be excessive, then measures may be required to reduce the interior noise to an acceptable level.

# **Noise Standards**

1.	Is the project site located within 1,000 feet of a major road, highway, county trunk truck route, state or federal highway, or urban business route? Yes No
2.	Is the project site located within 3,000 feet of an active rail line (used as least daily)? Yes No
3.	Is the project located within two miles of a general aviation, or military airport handling jet operations with scheduled air service? Yes No
4.	Is the project site located within 1,000 feet of any other noise-generating source, such as an industrial plant? Yes No
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If the answer to any of the above four questions is "yes," then a potential noise problem exists which may require additional mitigation measures.

If sites are located along roads with more than 10,000 vehicles per day, railroads with more than two trains per day, airports with scheduled jet service, or are adjacent to large stationery noise sources, grantees are encouraged to work with property owners to consider and include noise abatement measures as a part of the project. Consult with **DHCD** for recommendations on specific noise abatement measures.

# Floodplain Management

The use of HOME funds for substantial rehab (defined as costing 50% or more of the before-rehab market value of the structure) on properties in the 100-year floodplain is discour-aged by federal regulations. The Grantee's initial responsibility for all projects is to record the Flood Insurance Rate Map number (FIRM) for each such property. Contact either DNR district offices, local government emergency units or zoning offices for assistance in locating floodplain maps of your area.

Executive Order 11988 requires federal agencies and recipients of federal funds to protect the values and benefits of floodplains, and to reduce risks of flood losses by not conducting, supporting, or allowing actions located in a floodplain unless it is the only practicable alternative. Whether a property is located in or near a floodplain depends on the nearness of drainage ways, streams, rivers or coastlines (in terms of horizontal distance), the volume of water, and the relative elevation of the floodplain and the affected property. If such features exist within one mile of the property, the location of the 100-year floodplain must be determined in Question 2 (below), as follows:

1.	Are there drainageways, streams, rive project site? Yes No	ers, or coastlines on or within one mile of the
2.	If yes, is the project site located in the	100-year floodplain? Yes No
	FIRM Map #:	Effective Date:
NOTE:	If a project is determined to lie within to consider an alternative site.	n a 100-year floodplain, it may be necessary

The floodplains for most sections of Wisconsin have been mapped by the Federal Emergency Management Agency (FEMA), through its Flood Insurance Rate Map (FIRM) program. Consult the map of your area. They are often available locally, through planning departments of local governments, regional planning commissions, public libraries, etc., or from the Department of Natural Resources. FIRMS are also available at the following web address: <a href="http://store.msc.fema.gov/">http://store.msc.fema.gov/</a>. The DNR employs a Floodplain Zoning Specialist in each county in Wisconsin. That individual can respond to specific questions about floodplains in your community. When making your determination, please note the map number and its effective date.

Where such sites cannot be avoided, please contact DHCD for assistance. Flood insurance will be required on homes using Federal HOME funds for one year from the date on which the loan is made. If a resident is unable to afford the cost of insurance, the grantee may purchase it. Furthermore, owners and tenants must be notified if the property lies in a 100-year floodplain. Finally, the HOME program will fund rehab of such properties one time only. If a residence is subsequently flood damaged, the program will not pay for the same repair costs a second time.

Several restrictions apply to the disposition of multi-family properties, including notification of tenants about local, state or federal floodplain regulations, and any land use restrictions that limit the use of the property. Critical actions (defined as any activity for which even a slight chance of flooding is too great because of the potential loss of life, injury or potential property damage) require notification of current and prospective tenants about the hazards and about the availability of flood insurance.

# Wetlands Protection

Executive Order 11990 requires all agencies to refrain from supporting construction in wetlands whenever there is practicable alternative, to avoid either destroying or modifying wetlands. Adverse impacts include erosion or sedimentation, pollution through septic tank seepage, filling, and similar excessive or improper uses of the wetlands.

Selecting sites outside wetlands is essential for projects using federal funds, because Executive Order 11990 discourages federal agencies from initiating or participating in new construction within areas affecting wetlands.

Grantees must obtain a permit from the Corps of Engineers before undertaking activities that affect wetlands. The term "wetland" refers to marshes, bogs, and other areas that are inundated at least seasonally. Other areas considered wetland are sloughs, wet meadows, river overflows and ponds. Avoiding such areas is strongly recommended.

1.	Is the project site located in a wetland area, or are there any ponds, marshes, bogs, swamps, or other wetlands within 500 feet of the project area?  Yes No
2.	If the project site is located in or near a wetland area, will your project result in fill (such as topsoil, gravel, etc.) being placed in the wetland area, or will it result in greatly increased usage of the wetland? If the answer to either question is "yes," further technical analysis may be required to determine if mitigating measures are necessary Yes No

# Floodplains and Wetlands

Approximately 85% of the nation's wetlands are on or adjacent to floodplains. The procedures for fulfilling the requirements of Executive Order 11990 should be combined with and performed at the same time as the floodplain analysis under Executive Order 11988.

# Water Quality

The Safe Drinking Water Act of 1979 (42 U.S.C. 201, 300 (f) et seq., and 21 U.S.C. 349) governs activities which affect the water in the U.S. It requires that permits be obtained from the Corps of Engineers before dredging or filling of rivers, streams, lakes, or wetlands. This act also controls the discharge of effluents (such as treated sewage) into water. If any project plan includes such activities, contact DHCD for assistance.

# Solid Waste Disposal

Projects that substantially increase pressure on existing landfills, or that generate hazardous waste, are discouraged. Hazardous waste disposal must meet DNR regulations, and licensed carriers must transport and dispose harzardous waste.

# **Endangered Species**

If the project consists of new construction of any type, it must be reviewed by the U.S. Fish and Wildlife Service to determine whether it would have an impact on endangered or threatened species. You may review the current list of such species by accessing the following website: <a href="http://www.fws.gov/midwest/endangered/lists/wisc-cty.html">http://www.fws.gov/midwest/endangered/lists/wisc-cty.html</a>

# **Farmland Protection**

New construction activities that represent the first such intrusion into an area previously zoned agricultural are discouraged, and new construction should not occur on land zoned agricultural.

# Air Quality

Grantees should refrain from projects that either increase the amount of air pollution (such as through greatly increasing automobile traffic), or which subject the residents to excessive levels of air pollution. Please consult with DHCD if you have questions about this area.

# Thermal and Explosive Hazards

The proximity of petroleum or chemical storage tanks to a proposed housing site is also an environmental concern. Many older neighborhoods in cities and towns contain industries which use or store such products. While fire safety codes generally assure safe operation and minimize these risks, such sites may represent hazards to residents. Therefore, it is important that housing sites be evaluated carefully to determine whether such risk is present. Grantees should make every effort to avoid sites that place residents at risk. In general, sites within one-quarter mile of such a site, particularly when there are no intervening structures, are generally unsuitable for new housing development, or for substantial rehab projects (i.e., those whose value exceeds 50% of the before-rehab value of the house). The Department of Commerce maintains a list of above-ground and underground storage tanks. The lists can be accessed through the following website: <a href="http://apps.commerce.state.wi.us/ER\_Tanks/ER-EN-TankSearch.htm">http://apps.commerce.state.wi.us/ER\_Tanks/ER-EN-TankSearch.htm</a>

Consult with DHCD for assistance in evaluating potential hazards.

# **RED FLAGS**

The following "red flag" issues are those most likely to occur in projects involving moderate or substantial rehab.

1. **Issue**: Property may be 50 years old or older.

What to do: Determine exact age of building from title abstract or other document. Follow instructions on flow chart "Steps in Historic Review Process" (Attachment 3). Contact DHCD if further assistance is required.

2. <u>Issue</u>: Property is located near a river, lake, wetland or other body of water that is inundated at least seasonally.

What to do: Determine whether site is located in 100-year or 500-year floodplain, is located in or adjacent to a wetland, lies in a designated coastal zone county (along either Lake Superior or Lake Michigan); and if near a river, whether the river is a designated "Wild and Scenic River" (see Attachment 8). Avoid such sites if possible. Contact DHCD Environmental Review Desk for further assistance.

3. **Issue:** Property is located near a commercial airport.

What to do: Consult Attachment 9 to determine if proposed site is in Runway Clear Zone.

<u>Recommendation</u>: Avoid such sites if possible. Contact DHCD if no alternatives exist.

4. **Issue:** Property is located within one-quarter mile of an industrial site using or storing flammable or explosive materials.

<u>What to do</u>: Determine, if possible, the names of the materials used in the industrial facility. Contact DHCD Environmental Review Desk to determine whether site is located a safe distance from site.

5. **Issue:** Property is located near a busy highway or thoroughfare, airport, rail line, or other significant noise source.

<u>What to do</u>: Contact DHCD to determine whether potential interior noise levels are excessive, and whether acoustical buffering is recommended.

6. <u>Issue</u>: Property is located near a manmade hazard, such as a hazardous waste facility, leaking underground storage tank, or other public health and safety hazard.

<u>What to do</u>: Avoid such sites if at all possible. Contact DHCD for further instructions.

7. <u>Issue:</u> Project activity would take place on land zoned agricultural (new construction only).

What to do: Avoid such sites if possible. Contact DHCD if no alternatives exist.

You may contact DHCD at the following phone number: 608/267-2712. All correspondence related to any of the above should be submitted to:

Environmental Desk
Department of Commerce
Division of Housing and Community Development
P. O. Box 7970
Madison, WI 53707-7970
Environmental.Desk@wisconsin.gov

Legislation	Regulation	Applicability	General Requirements	Coordination/Consultation
Historic Properties National Historic Preservation Act, 16 U.S.C. 470 (f), Sections 106 and	36 CFR Part 1294, 36 CFR Part 800	All actions affecting properties on or eligible for National Register of Historic Places.	Protect sites, buildings, and objects with National, State, or local historic or cultural significance. Identify effects of project on properties.	Note: The DHCD Environmental Review Coordinator assumes the responsibility for Sec. 106
E.O. 11593, Protection and Enhancement of the Cultural Environment.				
Archeological and Historic Preservation Act of 1974				
Floodplains				
E.O. 11988 Floodplain Management Guidelines (44 PR 47623)	24 CFR Part 55	Any action proposed for a floodplain.	Involve the public throughout the floodplain management decisionmaking process.	Department of Natural Resources Flood Hazard Boundary Map
Flood Disaster Protection Act of 1973, as amended			Avoid direct or indirect support of floodplain development wherever there is a practicable alternative	Map Corps of Engineers
National Flood Insurance Program			נוכוס וא מ אומנוסמום מוכן ומואכי.	
HUD General Statement Policies				

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Wetlands				
E.O. 11990, Protection of Wetlands (44 PR 47623)	24 CFR Part 55	Any construction action proposed for in a wetland.	Avoid direct or indirect support of new construction in wetland wherever there is a practicable alternative.	Department of Natural Resources
Coastal Zone Management				
Coastal Zone Management Act 16 U.S.C. 1451-1464	15 CFR Part 930 44 FR 37142	Any proposed activity affect- ing areas covered by an	Needed to meet requirements of categorical exclusions 58.35(b).	Department of Administration Office of Coastal Zone
		approved coastal zone.	Section 5 and 6 of the Act prohibit	Management
Fursuant to the Coastal Barrier Resources Act, as amended, 1982		Applies to counties bordering Lake Michigan and Lake Superior.	expenditures of federal funds within the Coastal Barriers Resources system. Ensure that projects are consistent with coastal zone program.	Regional Planning Commission Coastal Zone Planner
			HUD assistance may not be used for most activities proposed in the Coastal Barrier Resource System	
Water Quality				
Clean Water Act, 33 U.S.C. 12511376, et seq., Section 404	33 CFR Part 320325, 33 Any CFR Part 230 disp dred	Any activity involving disposal or placement of dredged or fill material in navigable waters.	The 404 permit program is administered by Corps of Engineers. EPA has authority to veto permit.	Army Corps of Engineers Department of Natural Resources
Water resources include any requirement related to		<b>.</b>	Compliance with 208 plan.	
fish and wildlife and scenic rivers			Projects cannot affect rivers, streams, lakes and wetlands, either by dredging, filling or discharging	
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# COMPARISON WITH FEDERAL LAWS AND AUTHORITIES

Coordination/Consultation	
General Requirements	
Applicability	
 Regulation	
Legislation	

# Sole Source Aquifers

Safe Drinking Water 42 U.S.C. 300

aquifer designed by EPA as water for a community. No Federally assisted projects which may contaminate an the sole source of drinking sole source aquifers in

None required for projects occurring in Wisconsin. may contaminate a designated sole Prohibits financial assistance to projects which EPA determines source aquifer.

Wisconsin, per EPA.

is overloaded so runoff from If capacity of a storm sewer accommodated = major the project cannot be impact.

- consider: storm water For larger projects
  - Runoff pollution
- the system for storm water is form analysis to determine if Civil engineer should per-Reduction of paved or impermeable areas adequate.

Legislation	Regulation	Applicability	General Requirements	Coordination/Consultation
Endangered Species				
Endangered Species Act 16 50 CFR Part 402 U.S.C. 1531, Section 7	50 CFR Part 402	Any action which might jeopardize continued assistance of endangered or threatened species or result in destruction or modification of critical habitat.	Federal agencies shall insure that their actions conserve listed species and ensure, in consultation with FWS, that their actions do not jeopardize listed species or modify critical habitat.	U.S. Fish & Wildlife Service Department of Natural Resources
Wild and Scenic Rivers				
Wild and Scenic Rivers Act, 16 U.S.C. 1271 and 1278 (b)-(c)	President's Environ- mental Message, 8-2-79, CBQ Memorandum, 8-10-80, Interagency Consul- tation on Rivers in the Nationwide Inventory.	Rivers designated under the Act proposed activity affecting rivers on the Nationwide Inventory of potential wild, scenic and recreational rivers. Currently affects projects sited along Wolf River and Upper and Lower St. Croix Rivers, and numerous other river segments considered for inclusion in the Nationwide Rivers Inventory (1982).	Preserve wild and scenic rivers. Assure that federal actions do not foreclose designation under the Wild and Scenic Rivers Act. Considers impact to Wild & Scenic Rivers in relation to floodplains, wetlands, Safe Water Drinking Act, and endangered species.	U.S. Department of Interior Department of Natural Resources Review proposed project on: National Wild & Scenic Rivers System Components - Wl

Legislation	Regulation	Applicability	General Requirements	Coordination/Consultation
Air Quality				
Clean Air Act 42 U.S.C. 7400 et seq., Section 176(c) and (d) (42 U.S.C. 7506(c) and (d)) and Section 117		Large stationary pollution sources.	Compliance with stationary source air pollution standards for major sources emitting 100 tons per year of a single air pollutant.	Department of Natural Resources
Determining conformity of federal actions to state or federal implementation plans (EPA 40 CFR Parts 6, 51 and 93)			Grantee refrain from projects that either increase air pollution (major increase in traffic) or expose residents to excessive levels of air pollution.	
		All actions, and actions in southeast Wisconsin EPA-designated non-compliance areas.	Screen to determine if site is in a location in violation of ambient air quality standard—assess impacts on project.	Department of Natural Resources Check Compliance or Non- Compliance area
NR 406	DNR	<ul> <li>Installation of large fuel burning equipment</li> <li>Demolition</li> <li>Construction of new roads or parking area of over 1,000 cars</li> <li>Sandblasting/paint removal, particularly water towers</li> </ul>	DNR administrative rule NR 406.	Contact the Air Management. Specialist

Farmland Protection Farmland Protection Policy 7 CFR Part 658 Act of 1981 7 U.S.C. 4201, (FPPA) et seq., particularly Sec. 1540(b) and 1541 (7 U.S.C. 4201(b) and 4202)	Any federally-assisted action		
olicy :201, .larly 1 (7 :02)	Any federally-assisted action		
	Any federally-assisted action		
C. 4201, rticularly 1541 (7 d 4202)	and oth concernation delights	Minimize the extent to which federal Department of Agriculture,	Department of Agriculture,
rticularly 1541 (7 3 4202)	WHICH GEODINAND FIN COLF	programs contribute to the	Trade and Consumer
541 (7 1 4202)	version of prime, unique,	unnecessary conversion of farm-	Protection
1 4202)	state/locally important	land to nonagricultural uses.	Department of Commerce,
	farmlands.		Bureau of Housing
		Prime Farmland:	Clerk's Office
	Land is defined urban use if		
	any one is true:	<ul> <li>Conversion Impact Rating Form</li> </ul>	
	<ul> <li>density exceeds 30</li> </ul>	AB-1006 from local Soil	
	structures per 40 acres; if	Conservation Service (SCC or	
	land is urban use, FPPA	DHCD); fill out and return to	
	does not apply.	SCS and office will return	
	<ul> <li>the land is zoned for</li> </ul>	determination in 45 days	
	residential use.		
	<ul> <li>land use plan adopted 10</li> </ul>		

# COMPARISON WITH FEDERAL LAWS AND AUTHORITIES

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Legislation	Regulation	Applicability	ספוופומו הפלחוופוונא	
<b>HUD Environmental Standards</b>	ards			
Noise	24 CFR Part 51, Sub. B	All actions.	Determine if site is near a major	Department of Commerce,
HUD Regulation: Noise Abatement Control			(within 5 miles); or military airfields (within 15 miles); or major highways or busy roads (within 1,000 feet); or railroads (within 3,000 feet).	
			Compliance with special provisions for CDBG projects required.	
Thermal/Explosive Hazards	24 CFR Part 51, Sub. C	All actions.	Application and criteria for determining Acceptable Separation Distance (ASD). Minimize the impact of environmental hazards on	State and Local Emergency Government Office

of flammable or explosive nature, aircraft hazards. If HUD requirements and hazard cannot be mitigated, project determination "NOT IN COMPLIANCE."

HUD-assisted activities--chemical and radioactive materials, activities

Legislation	Regulation	Applicability	General Requirements	Coordination/Consultation
Airport Clear Zones	24 CFR Part 51, Sub. D	All actions.	Runway clear zone notification. All	Check for proposed project site
HUD Environmental Standards	24 CFR Part 5		51.303(a)(3).	Letter HD 85-8, Purchase of Sale of Property in Runway
			Financial assistance may not be provided in an area identified by	Clear Zone
			FEMA as having special flood	Responsible entity advise buyer.
			nazards unless flood insurance is obtained by property owner.	buyer must sign statement
			Minimize the impact of environ-	
			mental nazards on HUD-assisted activitieschemical and radioactive	
			materials, activities of flammable or	
			explosive nature, aircraft hazards.	
			20ne notification 24 CFK 51.303(a)(3).	
Manmade Hazards		All actions	Avoid sites on, or adjacent to,	Department of Natural
H O Notice			leaking underground storage tanks, waste disposal eites or eites/	Resources
			facilities which may cause or	
			threaten to cause environmental pollution and/or negatively impact	
			human health.	

# COMPARISON WITH FEDERAL LAWS AND AUTHORITIES

Legislation	Regulation	Applicability	General Requirements	Coordination/Consultation
Solid Waste and Hazardous Waste Disposal	ous Waste Disposal			
42 U.S.C. 6901-6987	40 CFR 257.3-1	All applicable actions.	State or regional solid waste management is mandated for siting of sanitary landfills and the closing of open dumps.	Department of Public Works Department of Natural Resources Private Contractors

Prohibit hazardous waste disposal in a number of sensitive ecological areas (e.g., floodplains, sole source acquifers).

service/support proposed project

developments.

Will the solid waste disposal

Lead-based paint or asbestos.

(A copy should be placed in file of each activity funded under recipient's grant.)

# STATUTORY CHECKLIST

Project Address:	

# AREA OF STATUTORY--REGULATORY COMPLIANCE

Environmental Issue	Property in Compliance if:	Compliance Status
Historic Properties	Property is less than 50 years old, or if activity is listed on "Activities Exempt from Further Review."	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required
Floodplain Management	Property not located in 100 year floodplain. F.I.R.M.	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required
Coastal Areas Protection and Management	Property not on a river or stream flowing into or within one-half mile of Lake Michigan or Lake Superior, or located on shoreline of either lake.	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required
Wild and Scenic Rivers	Property not located on either the St. Croix or Wolf Rivers or National Wild and Scenic Rivers System Components - Wisconsin.	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required
Runway Clear Zones, Clear Zones and Accident Potential Zones	Not listed on HUD Circular letter HD-85-8, 5/23/85.	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required
Manmade Hazards	Not located on or adjacent to site of a previous chemical spill, leaking underground storage tank, Superfund site, industrial site, old mine, hazardous industry.	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required
Noise	Project not within: 5 miles of civil airport; 15 miles of military airfield; 1,000 feet of busy roadway; 3,000 feet from railroad.	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required
Wetlands Protection	Project site not located in an existing wetland or impacting on existing wetland. No direct or indirect effect.	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required
Water Quality	Project causes no dredged or fill materials in navigable waters, including wetlands: preapproved general permit or no effect	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required
Water Quality: Sole Source Aquifers	None in Wisconsin per EPA.	X Not Applicable to this Project: in Compliance

Environmental Issue	Property in Compliance if:	Compliance Action		
Solid Waste Disposal Availability, Renovation and Demolition with Asbestos or Lead Based Paint	No hazardous waste is generated or no excessive pressure placed on existing landfills.*	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required		
Endangered Species	No threats to either species or habitats.	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required		
Farmland Protection	Unique or protected farmland is not developed.	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required		
Air Quality	No permanent effect on air quality (construction dust excluded), if: NO DEMOLITION or installation of large fuel burning equipment.	Compliance or NOT APPLICABLE Consultation/Review Required Conditions and/or Mitigation Actions Required		
Thermal and Explosive Hazards	Property not located or adjacent to an industrial facility that creates explosive or thermal hazard.	Compliance or NOT APPLICABLE     Consultation/Review Required     Conditions and/or Mitigation Actions Required		
* NOTE: Building components containing lead-based paint are not considered hazardous waste and may be disposed with other household waste, unless the lead-based paint is concentrated in the form of debris, paint chips, dust and sledge and exceeds the regulatory limit of 5mg/L lead in the waste leachate.				
I certify that, to the best of regulations of the program		npliance with NEPA and the implementing		
Grant Administrator		Date		

# **ATTACHMENT 2A**

# **COMPLIANCE WORKSHEET**

NOTE: This worksheet has been designed to assist grantees to determine whether a project is in compliance with environmental concerns found on the Statutory Checklist.

# WATER/FLOODPLAINS/WETLANDS/ RIVERS

Obtain a copy of the floodplain map depicting the proposed project location. Please include the map's Legend and Panel number(s). Avoid actions in a 100- or 500-year floodplain. If an action must occur in a 100-year floodplain, provide the required documentation to meet with HUD		
compliance. An 8-step flood-action-plan and a 32-day public notice may be required.		
Is the project located on a lake, river, stream, or another body of water? (list names)		
Is the project located in a wetland or adjacent to a wetland?		
Is the water supply municipal or a private on-site well? If a public system is not available, will individual wells meet the Safe Drinking Water Act?		
List all lakes, rivers, streams, and wetlands within one mile of proposed site.		
ENDANGERED SPECIES AND PLANT LIFE		
Will the project affect endangered species and, or, their habitats?		
WASTE DISPOSAL		
Provide evidence of available solid waste disposal facility for proposed project waste disposal.		
ZONING		
Provide the current zoning, and if a zoning change will occur, supply zoning change documentation.		
·		

# **NOISE - ROADWAY**

List roadways within 1,000 feet of proposed project (10,000, or more, vehicles per day)
Name of roadway
The distance from the road to proposed project site
The distance to the nearest traffic lane
The number of traffic lanes
The distance to the furthest traffic lane
The speed limit.
Distance to stop signs of traffic lights
AIRPORTS/RUNWAY CLEAR ZONES AND CLEAR ZONES
(SEE NOTICE TO PROSPECTIVE BUYERS – attached)
Cite public airports within five miles and military airports within 15 miles of the proposed project site.

# **NOISE - RAILROADS**

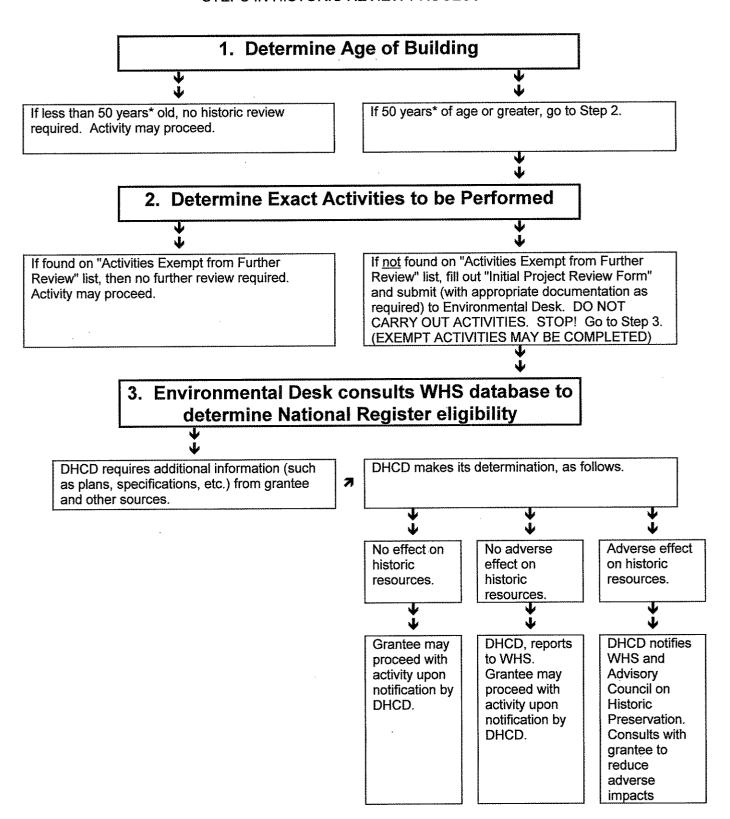
When an active railroad is the only noise source within 1,000 feet, review only the 1,000 feet range. If more than one noise source exists, list active railroads within 3,000 feet of the proposed project site. Provide the following:

The distance from proposed project to railroad
If the distance is 1,000 feet, or less, obtain remaining info.)
The number of locomotives per train
The number of cars per train
The speed of train
The number of trains in a day
The number of trains at night
Is it a one-way track?Yes No
Is it a two-way track?Yes No
Number of train tracks
Is it a single track?Yes No
Is it a double track?Yes No
Are the train tracks bolted?Yes No
Are the train tracks welded?Yes No
Provide a detailed description and photos of any existing noise barriers between the railroad and the proposed project site.

# **MANUFACTURED OR MANMADE HAZARDS**

List industrial plants or facilities within one-quarter mile of proposed project site, and locate them on the site map.
List above ground storage tank facilities within one-quarter mile of proposed project site, and locate them on the site map.
List chemical or pesticide related storage facilities/warehouses and farmer's Co-ops within one- quarter mile of site, and locate them on the site map.
List landfills, hazardous waste disposal sites and superfund sites within one-quarter mile of the proposed project site.
List Leaking Underground Storage Tanks (L.U.S.T.S.), Toxic or Chemical Spills or Radioactive materials (on or adjacent to site area) or Electromagnetic hazards (Information Line: 1 800-EMF-2383) within one-quarter mile of the proposed project site.
·
AIR QUALITY:
(Ref: The Clean Air Act/Federal and State: 40 CFR Parts 6, 51, and 93)
Is the project located in a non-attainment zone?Yes No
NOTE: Southeastern Wisconsin counties (Kenosha, Racine, Milwaukee and adjacent suburban counties) are designated by the EPA as a non-attainment zone.
List industries, manufacturing, and processing plants (including quarries and mines within one-half mile of proposed project site) and locate them on the site map.
If a hazardous industry or facility exists, provide the facility name, address, and contact person, if available, for the potential hazard.

# STEPS IN HISTORIC REVIEW PROCESS



<sup>\*</sup> NOTE: Age of building is calculated as 50 years before current year.

## ACTIVITIES EXEMPT FROM FURTHER REVIEW

General Guidance: Any activity that <u>repairs</u> or <u>replaces</u> existing installations is generally permitted without review by the State Historical Society. Any activity that <u>modifies</u> or <u>enlarges</u> an installation may have an effect on its historic character and must be reviewed by the SHS. Note, however, that the replacement of an existing wheelchair ramp, as well as the replacement of existing landscaping features are activities that must be reviewed by the SHSW.

## Non-Construction Work

- Acquisition of properties when there is assurance by the Division that historic structures and buildings will be secured and protected from vandalism, arson, and the elements, pending their rehabilitation, disposal or reuse. NOTE: If the project is acquisition and rehabilitation, the project must be submitted for any needed review prior to acquisition.
- 2. Architectural and engineering fees and other non-construction fees and costs.
- 3. Rental or purchase of vehicles or other motorized equipment.
- 4. Rental and installation of scaffolding.
- 5. Temporary bracing or shoring as part of stabilization, provided that it is installed without permanent damage to the building site.

# Site Work

- 6. Installation of temporary, reversible barriers such as chain link fences and polyethylene sheeting and tarps.
- 7. Repair, line painting, resurfacing, and maintenance of existing streets, alleys, sidewalks, and curbs, provided that no change in width, surface, vertical alignment, or drainage will result.
- 8. Maintenance and repair of existing landscape features, including plantings, fences, walkways, and statuary. **Note**: Replacement of these features is considered to be new construction and is subject to SHS review.
- Upgrading, replacement, and repair of existing utility service lines and sewer systems, including private septic and water systems, as long as work is confined to existing and disturbed rights-of-way.
- Maintenance, repair, and in-kind replacement of street lights, traffic signals, and traffic signs.

# **Building Exterior**

- 11. Repair or partial replacement of porches, cornices, exterior siding, doors, balustrades, stairs, or other trim when the repair or replacement is done in-kind and matches the appearance of the material being replaced.
- 12. Repair of existing wheelchair ramps, unless the ramps are to be substantially replaced.

  Note: Because ramps may significantly affect the appearance of a historic building, the replacement of ramps is considered to be new construction and is subject to SHS review.

- 13. Foundation repair and replacement of cast-in-place concrete.
- 14. Removal of exterior paint by non-destructive means, limited to:
  - Hand-scraping;
  - Low-pressure water wash, less than 600 psi;
  - Heat plates or hot air guns;
  - Chemical paint removers, if the cleaning contract requires that the chemicals be tested on the surfaces to ensure that no damage will result.

Note that water washes, heat plates, hot air guns and chemical paint removers can be destructive to the building or harmful to the person removing paint. These methods should be used cautiously.

- 15. Exterior painting of wood siding, features and trim.
- 16. Exterior painting of brickwork, if existing surfaces are already painted.
- 17. Repair or in-kind installation of roofing, gutters, and down spouts. The SHPO will not review color choices in roofing materials.
- 18. Window repair, including caulking and weather-stripping of existing window frames, installation of new, clear glass in existing sashes, and replacement glazing compound in existing sashes.
- 19. Installation of storm windows, as follows:
  - Glass and screen replacement in existing storm window units.
  - b. New wood or baked-enamel finished metal storm windows, installed on the exterior, provided that they:
    - Completely fill the original window openings with glazed window units;
    - · Match the meeting rail (or other major division) pattern of the primary window;
    - Do not protrude beyond the face of the building.
  - c. New interior storm windows, provided that they:
    - Completely fill the original interior window opening with glazing;
    - Do not cause damage to the original interior trim;
    - Match the meeting rail (or other major division) pattern of the primary window;
    - Are designed to seal completely so as to protect the primary window from condensation damage.
- 20. Replacement of primary (non-storm) windows, provided that they:
  - Utilize the same material as the original window (in-kind replacement);
  - Completely fill the original window opening with glazing;
  - Do not cause damage to the original interior trim;
  - Match the meeting rail (or other major division) pattern of the existing windows.

- 21. Installation of storm doors on elevations not facing streets, if the storm doors are undecorated and have a painted finish. <u>Decorated storm doors</u> include those with false metal hinges, scalloped windows, applied window muntins, and stamped metal to imitate framing members.
- 22. Caulking and weather-stripping with compatibly colored materials.
- 23. Repair or in-kind replacement of signs and awnings.

# **Building Interior**

- 24. Finishing of unfinished basements or attics.
- 25. Repair of existing interior walls. Note: This exemption applies to limited repair of wall surfaces only. Removal and replacement of entire wall surfaces, and reconstruction of walls is subject to SHS review.
- 26. Application of new drywall over plaster surfaces if:
  - Interior trim and features are removed and reapplied in original locations over the new drywall; and
  - No decorative plasterwork exists on the wall surfaces.
- 27. Repair and refinishing of interior floors.
- 28. Replacement of floors in-kind when original floors have been damaged beyond repair.
- 29. Installation of wallpaper.
- 30. Installation of carpeting, providing that installation does not damage any underlying wood, stone, or terrazzo floor surfaces.
- 31. Replacement of vinyl or similar floor coverings.
- 32. Repair or installation of new basement floors.
- 33. Kitchen and bathroom remodeling, if no walls, windows, or doors are altered.

# Mechanical, Electrical, and Plumbing Systems

- 34. Installation of new furnaces and water heaters, if:
  - The work utilizes the existing heat distribution system; and
  - Does not result in installation or relocation of chimneys or condenser units.
- 35. Upgrading, repair and replacement of electrical systems and plumbing systems and fixtures.
  Note: The removal of original electrical fixtures, such as lights, and the installation of new electrical fixtures is subject to SHS review.
- 36. Asbestos abatement activities that do not involve removal or alteration of interior decorative features.

# INITIAL PROJECT REVIEW FORM

(to be submitted when properties are 50+ years old and activities are not exempt from review)

Date:	
County Where Project Located:	Age:
Project Address:	
Owner Name:	
Contact Person:	
City:	State: Zip:
	Fax:
E-mail:	
Please complete and return form to:	
	Environmental.Desk@wisconsin.gov
I. <u>ADMINISTRATIVE DATA</u>	
Program Category Name	
Subrecipient ID Number: Name(s) of Federal and/or St	Contract # tate Agency(ies) Involved in Project:

Description of Project: Use the following procedure to describe the nature and extent of work involved in the proposed project:

- 1. Submit list of proposed work to be done.
- 2. Submit list of proposed work items which DO NOT appear on the Activities Exempt from Further Review list (Attachment 9).

	CHITECTURAL/HISTORIC RESOURCES CHECKLIST
	the best of your ability, indicate if the Project site may impact property(ies) on the owing lists:
	National Register of Historic Places Properties determined eligible for the National Register State Register of Historic Places Wisconsin inventory of historic places Locally-designated historic property Local intensive surveysee attached list of community surveys (Give name and date None of the above
PRO	DJECT LOCATION AND MAPS
A.	If the project is within an <u>incorporated</u> community, fill out this section:
	Location of Project (Village/City) (Town) (County)  Name of Project Map, if available: [Note: If the project is within an incorporated area an accompanying City Map (such as a DOT map) is required for review.]
B.	If the project is within an <u>unincorporated</u> area, fill out this section:
	Township(s) Range(s) Section(s) [Note: If the project is within an incorporated area a township map is acceptable, a 7.5" USGS Quad Map is most helpful, copies of quad maps (available from surveyor or planning offices) <u>must</u> include the map's name.]
PHO	<u>OTOGRAPHS</u>
and app nam	ase include clear 3 x 5 inch general photographs of each building <u>50 years</u> or older specific photos of areas in which work will be carried out. Photographs should be ropriately labeled (i.e., name of property, location of property, description of view, ne of photographer and date photograph was taken.) All photographs must be keyed he accompanying map.

[Note: Either black and whites or color photographs or Polaroids or colored copies are acceptable. Black and white photo copies <u>are not</u> acceptable. Photographs must be unobstructed, in focus and properly developed to be acceptable. Your project may be delayed if the photographs do not meet these requirements.]

# ARCHEOLOGICAL REVIEW

(to be submitted for projects in which new construction or other ground disturbance is proposed)

Date: _		
County	y Where Project Located:	Age:
Projec	t Address:	
Owner	/Consulting Firm Name:	
Reque	esting Agency:	
Title:		
Mailing	g Address:	
City: _		State: Zip:
Phone	:	Fax:
E-mail	•	
Please	e complete and return form to:	Environmental Desk Department of Commerce Division of Housing and Community Development P. O. Box 7970 Madison, WI 53707-7970
		Environmental.Desk@wisconsin.gov
1.	ADMINISTRATIVE DATA	
	Program Category Name	
	Subrecipient ID Number: Name(s) of Federal and/or Sta	Contract # ate Agency(ies), licenses, permits involved in project:

Description of Project: Use the following procedure to describe the proposed project:

1. Project area in acres, square feet, etc.

- 2. Describe nature and amount of prior ground disturbance (beyond normal agricultural activity) which has taken place in the project area, if any, and date(s) of occurrence is known.
- 3. Submit current land use and past land use(s) if known.
- 4. Quarter, quarter (or comparable legal description).
- 5. Site maps of the proposed development area and of the city, village, town or unincorporated area.
- 6. Include photo and other available documentation verifying previous ground disturbance such as installed sewer, water main, roads, and other existing properties.

# II. PROJECT LOCATION AND MAPS

A.	a DOT map). Fill out this section:  Street address:				
	Location of Project	(Village/City)			
		(Village/City)	(Town)	(County)	
B.	If the project is within an <u>unincorporated</u> area, submit a 7.5" USGS Quad Map; copies of quad maps (available from surveyor or planning offices) <u>must</u> include the map's name. Fill out this section:				
	Township(s)	Range(s)	Section(s)		
	Town(s)	Cou	nty(s)		
С	The results of any	The results of any consultation with a local constituency (local historical societies			

# IV. <u>PHOTOGRAPHS</u>

tribal organizations, etc.).

Please include clear  $3 \times 5$  inch full view photographs of all structures (pumps, windmills, barns, houses, etc.) in the area(s) in which work will be carried out. Photographs should be appropriately labeled (i.e., name of property, location of property, description of view, name of photographer and date photograph was taken.) All photographs must be keyed on the accompanying map.

[Note: Either black and whites or color photographs or Polaroids or colored copies are acceptable. Black and white photo copies <u>are not</u> acceptable. Photographs must be unobstructed, in focus and properly developed to be acceptable. Your project may be delayed if the photographs do not meet these requirements.]

# HISTORICAL REVIEW REQUIREMENTS FOR ACTIVITIES OTHER THAN REHAB

# Demolition

- A grantee may proceed with the demolition of properties which have been formally determined by Bureau of Housing (DHCD) as not eligible for listing on the Register, provided there will be no effect to other adjacent historic properties and/or districts.
- 2. Where demolition of a historic property is required to avoid or eliminate a significant public hazard as defined in Section 66.05, Wis. Stats., and/or a local ordinance, the DHCD and the grantee will comply with the regulations outlined in 36 CFR Part 800.12 (b) and (c) pertaining to Emergency Undertakings.
- 3. Demolition of historic properties will be reviewed on a case-by-case basis by the DHCD. When such a review is necessary, the DHCD requires that the following documentation be provided to it as soon as the demolition is proposed:
  - a. A written description of the property.
  - b. The location of the property delineated on a land parcel or Land Use Quarter Section (LUQS) map.
  - c. The reasons for demolition (including adequate documentation of any building code violations) and an explanation as to why rehabilitation or preservation are neither prudent nor feasible.
  - d. Photographic evidence and a written description of the deteriorated condition of the building or structure to be demolished.
  - e. Photographs of each elevation and any significant architectural elements (interior and/or exterior) of the subject property.
- 4. The DHCD will review the documentation within thirty (30) working days after receipt of adequate documentation and will concur or object in writing to the proposed demolition. An informational copy of concurrence or objection will be forwarded to the SHPO.

# Relocation

- 1. The relocation of historic properties will be reviewed by the DHCD's staff on a case-bycase basis. The DHCD requires that the following written documentation be submitted to initiate the consultation process:
  - a. The present location of the property delineated on a land parcel or Land Use Quarter Section (LUQS) map(s).
  - b. The location of the site proposed for relocation delineated on a land parcel or Land Use Quarter Section (LUQS) map(s).
  - c. Written description of the proposed site to which the property will be moved.

- d. The reasons for the relocation.
- e. An analysis of the various alternatives considered and why they are considered neither prudent not feasible.
- f. Photographs of the property in question that adequately illustrate the character and integrity of the subject property and its immediate setting.
- 2. The DHCD will review the documentation within thirty (30) calendar days of receipt of adequate documentation and shall concur or object in writing to the proposed relocation. An informational copy will be forwarded to the SHPO.

# **New Construction**

Design proposals for new construction either adjacent to a historic property or within a historic district shall be developed in conformance with the recommended approaches for new construction as contained within the <u>Standards</u>. To ensure compliance with the <u>Standards</u>, plans for new construction will be developed in consultation with the DHCD. Final plans, drawings, and specifications will be submitted to DHCD for review and comment at least two months prior to the initiation of construction activities.

# Capital Improvements

- Activities such as sewer system repair/replacement, road improvements, curb and gutter replacement, and landscaping which are proposed for areas **outside** of Historic Districts already listed on the Register or Register-eligible Historic Districts or are not adjacent to properties listed or eligible for listing on the Register may proceed after consultation with DHCD.
- 2. The above-mentioned capital improvements which involve historic properties but provide for replacement in-kind may proceed after review by DHCD.
- 3. Documentation for projects involving historic properties that are not replacement in-kind shall be reviewed prior to project implementation by the DHCD pursuant to 36 CFR 800.5 to ensure conformance with the recommended approaches in the <u>Standards</u>.

# **Archeology**

- 1. Prior to any **new** ground-disturbing activities, the DHCD shall determine the potential existence of any significant archaeological resources. The grantee shall send the DHCD the following to initiate the consultation process:
  - a. A map locating the proposed activity.
  - b. The following information on the new ground disturbance in the project area:
    - 1) the nature and date of the disturbance
    - 2) map indicating depth and location of disturbance

- 2. If DHCD determines in writing within thirty (30) days that the potential for significant archaeological resources exists, the grantee will carry out an archaeological survey of the affected area in consultation with DHCD. Archaeological testing, as deemed appropriate, will be undertaken by the grantee. DHCD will conduct an evaluation to determine if properties identified during the survey meet Register criteria (36 CFR 60.6).
- 3. If archaeological resources are found that the DHCD determine meet Register criteria, they will be avoided or preserved in place, whenever feasible. When it is not feasible to preserve a resource in place, the SHPO will be consulted and a treatment consistent with the Council's Handbook <u>Treatment of Archaeological Properties</u> (and its subsequent revisions) and approved by the SHPO will be developed and implemented. The DHCD will ensure that all identification and testing efforts will be conducted in accordance with the Secretary of the Interior's Standards and Guidelines for Identification (48 FR 44716) and appropriate internal guidance and regulations from SHPO.

#### **ATTACHMENT 8**

#### NATIONAL WILD AND SCENIC RIVERS SYSTEM COMPONENTS - WISCONSIN

River Name	County(s)	Segment Reach Description
Lower St. Croix River	Polk St. Croix Pierce	From dam at Taylor Falls, MN, downstream to confluence with Mississippi River.
Upper St. Croix and Namekagon Rivers	Polk Burnett Douglas Washburn Bayfield	St. Croix from Taylor Falls, MN, to the dam at Gordon, WI; Namekagon from its confluence with the St. Croix to the dam at Namekagon Lake.
Wolf River	Menomoniee	From the Langlade-Menomoniee County line downstream to Keshena Falls near the Village of Keshena.

# RIVERS IN WISCONSIN WITH POTENTIAL FOR INCLUSION IN THE NATIONAL WILD AND SCENIC RIVERS INVENTORY

River Name	County(s)	Segment Reach Description
Bad	Ashland	From Town of Mellen to mouth.
Black	La Crosse Jackson	From confluence with Mississippi River (above Lake Onalaska) to Black River Falls dam.
Black, East Fork	Jackson Wood Clark	Mouth to source.
Bois Brule	Douglas	Mouth to campground at County road south.
Chippewa	Pepin Dunn	From its confluence with Mississippi River to Eau Claire-Dunn County line.
Chippewa	Rusk Sawyer	Holcombe Flowage to dam at Radisson.
Chippewa, East Fork	Iron	From Sturgeon Bay at upper end of Blaisdell Lake to bridge crossing in Sec. 13 of Glidden.
Chippewa, East Fork	Iron	Glidden to source.

River Name	County(s)	Segment Reach Description
Clam	Burnett Polk	Clam River flowage to Clam Falls flowage.
Crystal	Waupaca	Long Lake to Waupaca.
Des Plains	Kenosha	Wisconsin-Illinois state line to source.
Flambeau	Rusk Price Sawyer	Big Falls Reservoir to Crowley dam.
Flambeau, South Fork	Sawyer Rusk Price	Confluence with Flambeau to SR 13 south of Park Falls; Three Mile Creek to Round Lake.
Fox	Outagamie Brown	Kaukauna to De Pere.
Fox	Kenosha Racine	Wilmot to Waterford dam.
	Waukesha	Waterford to Waukesha.
Jump, including North Fork	Chippewa Price Rusk Taylor	From Holcombe flowage to Spring Creek flowage.
Jump, South Fork	Price	Confluence with Jump River to SR 13 at Prentice.
Kickapoo	Crawford Richland Vernon	Confluence with Wisconsin River to Ontario.
La Crosse	La Crosse	Mouth to Perch Lake dam.
Marengo	Ashland	Confluence with Bad River to Town of Marengo.
Mecan	Marquette Waushara	From backwaters of impoundment at Germania to Richford.
Milwaukee	Milwaukee Ozaukee	Thiensville to Grafton.
	Washington Fond du Lac	Waubeka to West Bend.
		Young America to Campbellsport.
		Campbellsport to Eden.
		, , , , , , , , , , , , , , , , , , ,

River Name	County(s)	Segment Reach Description
Nemaji	Douglas	From drive-in theater south of Superior village to Wisconsin-Minnesota state line.
Oconto	Oconto	Underhill to confluence with Peshtigo Brook.
Peshtigo	Marinette Forest	Backwaters of Caldron Falls Reservoir to source.
Pike, including south branch	Marinette	Mouth to Brock pond dam.
Pike River north branch	Marinette	Mouth to township road 1/2 mile downstream of U.S. 8.
Pine River	Florence Forest	From backwaters of Pine River dam to source.
Plover	Portage Marathon	Stevens Point to Bevent.
Popple	Florence Forest	Mouth to source.
Potato River	Iron	Confluence with Bad River to Town of Upson.
Somo River	Lincoln	Lake Mohawksin to junction of Big Somo and Little Somo creeks at Clifford.
Thornapple	Rusk Sawyer	Mouth to source (except part within Chequamegon National Forest).
Totagetic	Douglas Sawyer Washburn	From Minong flowage (formerly Lake Nancy) to Nelson Lake.
White	Ashland Bayfield	From impoundment at SR 112 crossing to source.
Wisconsin	Marathon Lincoln	Merrill to Wausau. Wausau to Marathon County line south.
Wolf	Outagamie Waupaca Shawano	County Road P two miles north of Shioctin to Shawano.
Yellow	Juneau Wood	From Necedah Bluff to Spillway at Lake Baxter.

# ATTACHMENT 9 RESIDENTIAL UNITS LOCATED WITHIN A RUNWAY CLEAR ZONE

Genera	al Mitchell Field	Community	Zip Code
	5365 South Pennsylvania Avenue	Cudahy	53110
	5377 South Pennsylvania Avenue	Cudahy	53110
	5401 South Pennsylvania Avenue	Cudahy	53110
	5411 South Pennsylvania Avenue	Cudahy	53110
Eau Cla	aire County Airport		
•	2011 North North Lane	Eau Claire	54701
	2017 North North Lane	Eau Claire	54701
	2023 North North Lane	Eau Claire	54701
Manito	woc Municipal Airport		
	2301 Menasha Avenue	Manitowoc	54220
	2302 Menasha Avenue	Manitowoc	54220
	1532 - 23rd Street	Manitowoc	54220
	2141 Richmond Avenue	Manitowoc	54220
	2201 Richmond Avenue	Manitowoc	54220
	2204 Richmond Avenue	Manitowoc	54220
	2207 Richmond Avenue	Manitowoc	54220
	2210 Richmond Avenue	Manitowoc	54220
	2215 Richmond Avenue	Manitowoc	54220
	2216 Richmond Avenue	Manitowoc	54220
	2223 Richmond Avenue	Manitowoc	54220
	2224 Richmond Avenue	Manitowoc	54220
	2228 Richmond Avenue	Manitowoc	54220
	2233 Richmond Avenue	Manitowoc	54220
	2234 Richmond Avenue	Manitowoc	54220
	2238 Richmond Avenue	Manitowoc	54220
	2244 Richmond Avenue	Manitowoc	54220
	2250 Richmond Avenue	Manitowoc	54220
	2259 Richmond Avenue	Manitowoc	54220
	2260 Richmond Avenue	Manitowoc	54220
	2204 Lexington Avenue	Manitowoc	54220
	2210 Lexington Avenue	Manitowoc	54220
	2215 Lexington Avenue	Manitowoc	54220
	2216 Lexington Avenue	Manitowoc	54220
	2221 Lexington Avenue	Manitowoc	54220
	2222 Lexington Avenue	Manitowoc	54220
	2225 Lexington Avenue	Manitowoc	54220
	2226 Lexington Avenue	Manitowoc	54220
Rock C	County Airport		
	2751 Happy Hollow Road	Janesville	53545
	2801 Happy Hollow Road	Janesville	53545
Wittma	n Field		
	171- 23rd Street	Oshkosh	54901
	149 - 24th Street (Bethany Park Village)	Oshkosh	54901
	172 - 25th Street	Oshkosh	54901
	166 - 25th Street	Oshkosh	54901
	172 - 25th Street	Oshkosh	54901
	173 - 25th Street	Oshkosh	54901
	176 - 25th Street	Oshkosh	54901
	182 - 25th Street	Oshkosh	54901
	183 - 25th Street	Oshkosh	54901

Witmann Field (cont).	Community	Zip Code
2312 Oregon Street	Oshkosh	54901
2316 Oregon Street	Oshkosh	54901
2505 Oregon Street	Oshkosh	54901
2511 Oregon Street	Oshkosh	54901
2515 Oregon Street	Oshkosh	54901
2516 Oregon Street	Oshkosh	54901
2519 Oregon Street	Oshkosh	54901
2523 Oregon Street	Oshkosh	54901
2524 Oregon Street	Oshkosh	54901
La Crosse County Airport		
202 Fanta Reed Road	La Crosse	54601
206 Fanta Reed Road	La Crosse	54601
and the section of the section .		0.001
2542 - 1st Avenue West	La Crosse	54601
2546 - 1st Avenue West	La Crosse	54601
2550 - 1st Avenue West	La Crosse	54601
2554 - 1st Avenue West	La Crosse	54601
2558 - 1st Avenue West	La Crosse	54601
2000 Tot Mondo Woot	Ed 010000	04001
2548 - 1st Avenue East	La Crosse	54601
2553 - 1st Avenue East	La Crosse	54601
2556 - 1st Avenue East	La Crosse	54601
2560 - 1st Avenue East	La Crosse	54601
2541 North Bainbridge Street	La Crosse	54601
2544 North Bainbridge Street	La Crosse	54601
2545 North Bainbridge Street	La Crosse	54601
2548 North Bainbridge Street	La Crosse	54601
2549 North Bainbridge Street	La Crosse	54601
2552 North Bainbridge Street	La Crosse	54601
2555 North Bainbridge Street	La Crosse	54601
2556 North Bainbridge Street	La Crosse	54601
2559 North Bainbridge Street	La Crosse	54601
2544 - 2nd Avenue East	La Crosse	54601
2548 - 2nd Avenue East	La Crosse	54601
2549 - 2nd Avenue East	La Crosse	54601
2552 - 2nd Avenue East	La Crosse	54601
2553 - 2nd Avenue East	La Crosse	54601
2556 - 2nd Avenue East	La Crosse	54601
2557 - 2nd Avenue East	La Crosse	54601
2560 - 2nd Avenue East	La Crosse La Crosse	54601
2561 - 2nd Avenue East	La Crosse La Crosse	54601
	La 0/035c	U-100 1
Alexander Field		
4051 Sampson Street	Town of Grand Rapids	5 <del>44</del> 81
431 North Brentwood Drive	(Near Wisconsin Rapids	EAA04
45 FNORE DISTRIBUTED LINE	Town of Grand Rapids	54481
	(Near Wisconsin Rapids	•
Hayward Airport		
Mr. Mel Friske, Route 1	Hayward	54843
THE HEALT PARTY I WANTED I	, wy mar a	5.0.0

# NOTICE TO PROSPECTIVE BUYERS OF PROPERTIES LOCATED IN RUNWAY CLEAR ZONES AND CLEAR ZONES

In accordance with Section 51.303 (a)(3), this notice must be given to anyone interested either in buying an existing HUD property, or using HUD assistance to buy an existing property, which is located in either a Runway Clear Zone at a civil airport or a Clear Zone at a military installation. This includes any of the properties found on the two previous pages.

The property which you are interested in purchas	ing at (to be filled in by Grantee) is located in the Runway Clear Zone/Clear
Zone for (to be filled in by Grantee)	io ioodica in the Narway Clear Zone, Clear
Studies have shown that if an accident were to or Clear Zone/Clear Zone than in other areas aroun discussing the chances that an accident will occur	d the airport/airfield. Please note that we are not
We wanted to bring this information to your attentiat you are now aware that the property you are Zone/Clear Zone.	tion. Your signature on the space below indicates interested in is located in a Runway Clear
	(Signature of Prospective Buyer)
	(Type or Print Name of Prospective Buyer)
	(Date)
(This notice must be maintained as part of the HU	JD file on this action.)
NOTE: This is a sample letter format. Grantees	must re-type on their letterhead.

#### **ATTACHMENT 10**

# Federally Listed Threatened and Endangered Species in Wisconsin (Updated May 28, 1999)

## **Listed Species**

Endangered (**E**)

**(T**) Threatened

Potential Breeding (PS)

(W) Wintering (**B**) Breeding

(H) Historic records, but no known extant sites

County	Species	Habitat
Adams	bald eagle (BE) peregrine falcon (PF) Karner blue butterfly	Breeding & Wintering (B & W) Potential Breeding (PB) prairie, oak savanna, and jack pine areas with wild lupine
Ashland	BE piping plover gray wolf	B sandy beaches; bare alluvial and dredge spoil islands northern forested area
Barron	BE Karner blue butterfly (H)	B prairie, oak savanna, and jack pine areas with wild lupine
Bayfield	BE gray wolf Fassett's locoweed	B northern forested areas open sandy lakeshores
Brown	BE PF dwarf lake iris	B & W B partially shaded sandy-gravelly soils on lakeshores
Buffalo	BE PF Higgins' eye pearly mussel	B & W B Mississippi River
Burnett	BE gray wolf Karner blue butterfly	B northern forested areas prairie, oak savanna, and jack pine areas with wild lupine
Calumet	BE	W
Chippewa Clark	BE BE Gray wolf Karner blue butterfly	B B Northern forested areas prairie, oak savanna, and jack pine areas with wild lupine
Columbia	BE PF	W PB
Crawford	BE PF Higgins' eye pearly mussel	B & W PB Lower Wisc. & Mississippi Rivers

County	Species	Habitat
Dane	BE	W
	PF	В
	prairie bush-	dry to mesic prairies, with gravelly soil
	clover	wet grasslands
	eastern	
	prairie	
	fringed orchid	
Dodge	BE	В
Door	BE	В
	PF	PB
	Pitcher's	stabilized dunes & blowout areas
	thistle	partially shaded sandy-gravelly soils on
	dwarf lake iris	lakeshores
		calcareous streams & associated wetlands
	Hine's	overlying dolomite bedrock
į	emerald	
,	dragonfly	
Douglas	BE	В
	gray wolf	northern forested areas
•	Kirtland's	potential breeding in jack pine, sandy
	warbler 1	beaches;
		bare alluvial and dredge spoil islands
	piping plover	
Dunn	BE	В
	Karner blue	prairie, oak savanna, and jack pine areas with
	butterfly	wild lupine
Eau Claire	BE	B&W
	Karner blue	prairie, oak savanna, and jack pine areas with
	butterfly	wild lupine
	Gray wolf	northern forested areas
Florence	BE	В
	gray wolf	northern forested areas
Forest	BE	В
	gray wolf	northern forested areas
	J	
Grant	BE	B&W
	PF	PB
	northern	north facing slopes
	monkshood	lower Wisc a& Mississippi Rivers
	Higgins' eye	dry to mesic prairies, with gravelly soil
	pearly mussel	.,
	prairie bush-	
	clover	
Green	eastern	wet grasslands
	prairie	
	fringed orchid	
Green Lake	BE	В
	Karner blue	prairie, oak savanna, and jack pine areas with
	butterfly	wild lupine
	<u> </u>	

County	Species	Habitat
lowa	BE	B&W
	PF	PB
	Higgins' eye	Lower Wisconsin River
	pearly mussel	
<b>Iron</b>	BE	В
	gray wolf	northern forested areas
Jackson	BE	В
	Kirtland's	potential breeding in jack pines
	warbler 1	prairie, oak savanna, and jack pine areas with
	Karner blue	wild lupine
	butterfly	northern forested areas
	Gray wolf	
Jefferson	eastern	wet grasslands
	prairie	
	fringed orchid	
Juneau	BE	B&W
	PF	PB
	Karner blue	prairie, oak savanna, and jack pine areas with
	butterfly	wild lupine
	Gray wolf	•
Kenosha	PF	В
	eastern	wet grasslands
	prairie	
	fringed orchid	
La Crosse	BE	B&W
	PF ·	В
	Higgins' eye	Mississippi River
	pearly mussel	
Langlade	BE	В
Lincoln	BE	В
	gray wolf	northern forested areas
Manitowoc	PF	B
	Pitcher's	stabilized dunes and blowout areas
	thistle	
Marathon	BE	В
Marinette	BE	В
•	Kirkland's	Potential breeding in jack pine
	warbler 1	
Marquette	Karner blue	Praire, oak savanna, and jack pine areas with
	butterfly	wild lupine
Menominee	BE	В
	Karner blue	prairie, oak savanna, and jack pine areas with
	butterfly	wild lupine
Milwaukee	PF	В
Monroe	northern	north facing slopes
	monkshood	prairie, oak savanna, and jack pine areas with
	Karner blue	wild lupine
	butterfly	northern forested areas
	Gray wolf	

County	Species	Habitat
Oconto	BE	В
	Karner blue butterfly	prairie, oak savanna, and jack pine areas with wild lupine
Oneida	BE	В
	gray wolf	northern forested areas
Outagamie	BE	B&W
•	Karner blue	prairie, oak savanna, and jack pine areas with
	butterfly	wild lupine
Ozaukee	eastern	wet grasslands
	prairie	
	fringed orchid	PB
	PF	
Pepin	BE	B&W
	PF	PB
Pierce	BE	B&w
	PF	PB
	prairie bush-	dry to mesic prairies, with gravelly soil
	clover	Mississippi & St. Croix Rivers
	Higgins' eye	
	pearly mussel	
Polk	BE	B&W
	PF	PB
	gray wolf	northern forested areas
•	winged	St. Croix River
	mapleleaf	St. Croix River
	mussel	prairie, oak savanna, and jack pine areas with
	Higgins' eye	wild lupine
	pearly mussel	
·	Karner blue	
Pro	butterfly (H) BE	
Portage		B and sandy lakeshares
	Fassett's	open sandy lakeshores
	locoweed Karner blue	prairie, oak savanna, and jack pine areas with wild lupine
	butterfly	wild tubitie
Price	BE	B
FILE	gray wolf	northern forested areas
Racine	PF	PB
Radile	eastern	wet grasslands
	prairie fringed	wet grassiands
	orchid	
Richland	BE	В
Numaria	PF	PB
	northern	north facing slopes
	monkshood	lower Wisconsin River
	Higgins' eye	
	pearly mussel	
Rock	prairie bus-	dry to mesic prairies with gravelly soil
TOOK	clover	wet grasslands
	eastern	1101 91000001100
	prairie	
	fringed orchid	
	1	4

St. Croix  BE PF Higgins' eye pearly mussel karner blue butterfly PF northern monkshood prairie bush- clover Karner blue butterfly BB BB BB BB BB Northern forested areas St. Croix River prairie, oak savanna, and jack pine areas with wild lupine  Sawy BB BB BB Northern forested areas Wild upine  Sawyer BB BB BB Shawano BE Karner blue butterfly BB Karner blue butterfly PF BB northern forested areas Shawano BE Karner blue butterfly PF Pitcher's thistle eastern prairie fringed orchid  Taylor BB BB Gray wolf BB BB Gray wolf Kirtlan's warbler' Walworth BB Gray wolf Kirtlan's warbler' Walworth BB Gray wolf Kirtlan's warbler' Walworth BB Br Gray wolf Kirtlan's warbler' Walworth BB Br Gray wolf Kirtlan's warbler' Walworth BB Br Gray wolf Kirtlan's warbler' Northern forested areas BB Br Gray wolf Kirtlan's warbler' Well prairie forested areas BB Br Gray wolf Kirtlan's warbler' Well prairie forested areas BB BB Gray wolf Kirtlan's warbler' Well prairie pack pine areas with wild lupine BB St. Croix River peans with wild lupine BB &W PB northern forested areas Well prairie, oak savanna, and jack pine areas with wild lupine BB &W PB northern forested areas Well prairie, oak savanna, and jack pine areas with wild lupine BB &W PB northern forested areas Well prairie, oak savanna, and jack pine areas with wild lupine BB &W PB northern forested areas Well prairie, oak savanna, and jack pine areas with wild lupine BB &W PB northern forested areas Mississippi River BB BB Gray wolf Kirtlan's Walworth BB	County	Species	Habitat
St. Croix    SE	Rusk		
PF   Higgins' eye pearly mussel Karner blue butterfly (ri)			
Higgins eye pearly mussel karner blue butterfly (H)	St. Croix		
Dearly mussel Karmer blue butterfly (H)		1	
Karner blue butterfly (H)		Higgins' eye	1
Sauk  BE		pearly mussel	
Sauk  BE PF northern morkshood prairie bush-clover Karner blue butterfly  Sawyer  Sawyer  BE MP PB north facing slopes dry to mesic prairies with gravelly soil prairie, oak savanna, and jack pine areas with wild lupine  Sawyer  BE BE Northern forested areas  Shawano  BE Karner blue butterfly  Sheboygan  PF Pitcher's thistle eastern prairie fringed orchid  Taylor  BE gray wolf  Trempealeau  FP Higgins' eye pearly mussel  Vernon  BE BE PR Northern morkshood Higgins' eye pearly mussel  Vernon  BE BE PR Northern morkshood Higgins' eye pearly mussel  Vilas  BE Gray wolf Kirtlan's warbler'  Walworth  BE Gray wolf Kirtlan's warbler'  Walworth  BE BE PR Northern forested areas potential breeding in jack pine  Wat grasslands  Wet grasslands  BE Northern forested areas potential breeding in jack pine  Wet grasslands  Washburn  BE BR PR Northern forested areas potential breeding in jack pine  Wat grasslands  Washburn  BE BR PR Northern forested areas potential breeding in jack pine  Wat grasslands  Wet grasslands			wild lupine
PF northern monkshood prairie bush-clover Karner blue butterfly  Sawyer  Shawano  BE Karner blue butterfly  Sheboygan  PF pitcher's thistile eastern prairie fringed orchid  Frempealeau  Vernon  PF Higgins' eye pearly mussel  Vilas  BE gray wolf  Northern forested areas  BE W paririe, oak savanna, and jack pine areas with wild lupine  BE gray wolf  Trempealeau  BE B W PF Higgins' eye pearly mussel  Vilas  BE B Gray wolf  Sississippi River  Walworth  BE B Gray wolf  Kirtlan's warbler 1   wet grasslands			
northern monkshood prairie bush-clover Karner blue butterfly  Sawyer	Sauk		
monkshood prairie bush- clover Karner blue butterfly betterfly soli prairie, aak savanna, and jack pine areas with wild lupine  Sawyer gray wolf BE northern forested areas  Shawano BE Karner blue butterfly wild lupine  Sheboygan PF B Pitcher's thistile eastern prairie fringed orchid  Taylor BE gray wolf PF Higgins' eye pearly mussel  Vernon BE gray wolf SE gray wolf Walkesha  Walkesha  Walkesha  Malworth BE gray wolf Walkesha  Walkesha  Walkesha  Walkesha  Walkesha  Walkesha  BE B Gray wolf Kirtlan's warbler 1 wet grasslands  Wet grasslands  Walkesha  Wet grasslands  Wasavanna, and jack pine areas with wild lupine  BE B Northern forested areas  BE W P P B Higgins' eye pearly mussel  BE Gray wolf Kirtlan's warbler 1  Wet grasslands		į.	
prairie bush- clover Karner blue butterfly  gray wolf BE			
Clover Karner blue butterfly gray wolf BE   Sawyer   BE   Northern forested areas			
Sawyer  Sawyer			
Sawyer gray wolf BE northern forested areas  Shawano  BE Karner blue butterfly Sheboygan  PF B Pitcher's thistle eastern prairie fringed orchid  Taylor  Tempealeau  BE B W prairie, oak savanna, and jack pine areas with wild lupine  BE Pitcher's thistle eastern prairie fringed orchid  Tempealeau  BE PF Higgins' eye pearly mussel  Vernon  BE BE PR Higgins' eye pearly mussel  Vernon  BE BE B A W PB Mississippi River  Dearly mussel  Vilas  BE B B W PB Mississippi River  Dearly mussel  BE B B W PB Mississippi River  Dearly mussel  Vilas  BE B B M W PB Mississippi River  Dearly mussel  Walworth  BE B B B M W PB Mississippi River  Dearly mussel  Walworth  BE B B B M W PB Mississippi River  Dearly mussel  BE B B M W PB Mississippi River  Dearly mussel  BE B B M W PB Mississippi River  Dearly mussel  BE B B M W PB Mississippi River  Dearly mussel  Walworth  BE B B M M PB Mississippi River  Dearly mussel  Walworth  BE B B M M PB Mississippi River  Dearly mussel  B B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B B M M PB Mississippi River  Dearly mussel  B B B M M PB Mississippi River  Dearly mussel  Walworth  BE B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  B B M M PB Mississippi River  Dearly mussel  Dearly mussel  Dearly Mississippi River  Dearly mussel  Dearly Mississippi River  Dearl			wiid iupitie
Sawyer  gray wolf BE  Be  northern forested areas  Shawano  BE  Karner blue butterfly wild lupine  PF Pf Pitcher's thistite eastern prairie fringed orchid  Taylor  BE gray wolf BE Higgins' eye pearly mussel  Vernon  BE BF PF Northern northern monkshood Higgins' eye pearly mussel  Vilas  BE gray wolf Nississippi River  BE gray wolf Nississippi River  BE B B North facing slopes Mississippi River  Walworth  BE gray wolf Kirtlan's warbler '  Walwashburn  BE gray wolf Kirtland's warbler '  Waukesha  Wet grasslands  wet grasslands  BE northern forested areas potential breeding in jack pine  wet grasslands  wet grasslands  wet grasslands  wet grasslands  wet grasslands			
Shawano  BE Karner blue butterfly prairie, oak savanna, and jack pine areas with wild lupine  Sheboygan  PF B Pitcher's thistle eastern prairie fringed orchid  Taylor  BE gray wolf PF PB Higgins' eye pearly mussel  Vernon  BE B & W PF PB S Stabilized dunes, and blowout areas wet grasslands.  BE WPF PB Higgins' eye pearly mussel  Vernon  BE B & W PF PB Northern forested areas  Wet pearly mussel  Vilas  BE B B W PB Northern forested areas  Vilas  BE B B Northern forested areas potential breeding in jack pine warbler warbler warbler forested areas potential breeding in jack pine warbler forested areas potential	Sawer		R
Shawano  BE Karner blue butterfly  Sheboygan  PF Pf Pitcher's thistle eastern prairie fringed orchid  Taylor  BE gray wolf Higgins' eye pearly mussel  Vernon  BE gray wolf Northern monkshood Higgins' eye pearly mussel  Viias  BE gray wolf Northern monkshood Higgins' eye pearly mussel  Viias  BE gray wolf Nississippi River  BE B gray wolf Kirtlan's warbler '  Walworth  BE gray wolf Kirtland's warbler i  Waukesha  BE gray wolf Kirtland's warbler i  Wat grasslands  BE B gray wolf Kirtland's warbler i  wet grasslands			<b>1</b>
Karner blue butterfly wild lupine   PF	•	)	Hornest orested areas
Karner blue butterfly wild lupine   PF	Shawano	BE	B&W
Sheboygan  PF Pitcher's thistle eastern prairie fringed orchid  Taylor  BE gray wolf Higgins' eye pearly mussel Vilas  BE gray wolf Kirtlan's warbler 1  Wawshburn  BE Bray Wolf Kirtlan's warbler 1  BE Bray Wolf Kirtlan's warbler 1  Waukesha  Wet grasslands  Wet grasslands  Stabilized dunes, and blowout areas wet grasslands  Wet grasslands  Wet grasslands  Wet grasslands  Wet grasslands  Watsinized dunes, and blowout areas wet grasslands  BE Bray wolf Northern forested areas Mississippi River  BE Bray wolf Kirtlan's warbler 1  Wet grasslands			1
Sheboygan  PF Pitcher's thistile eastern prairie fringed orchid  Taylor  BE gray wolf PF Higgins' eye pearly mussel  Vilas  BE gray wolf Northern monkshood Higgins' eye pearly mussel  Vilas  BE gray wolf Northern forested areas  BE Horther's stabilized dunes, and blowout areas wet grasslands  We gray wolf Northern forested areas  We pearly mussel  Vilas  BE gray wolf Kirtlan's warbler'  Walworth BE gray wolf Kirtlan's warbler'  Washburn  BE gray wolf Kirtland's warbler'  BE gray wolf Kirtland's warbler'  Washburn  Waukesha  Wet grasslands		1	
Pitcher's thistie eastern prairie fringed orchid  Taylor  BE gray wolf PF Higgins' eye pearly mussel  Vernon  BE PF Northern Monkshood Higgins' eye pearly mussel  Vilas  BE gray wolf Kirtlan's warbler¹  Walworth  BE gray wolf Kirtland's warbler¹  Waukesha  Pitcher's thistie eastern prairie fringed orchid  PB BB R Northern forested areas  Whississippi River  Stabilized dunes, and blowout areas wet grasslands  wet grasslands  BE B W PF PB Northern Mississippi River  BB B Northern forested areas Mississippi River  BB B Northern forested areas Potential breeding in jack pine  Wet grasslands  wet grasslands  wet grasslands  wet grasslands  wet grasslands	Sheboygan		
thistle eastern prairie fringed orchid  Taylor  BE gray wolf Trempealeau  BE PF Higgins' eye pearly mussel  Vernon  BE BE B W PF PB Mississippi River  Vernon  BE BE B W Wississippi River  BE BE W Wississippi River  Vernon  BE BE B W Wississippi River  BE B B W PF PB North facing slopes Mississispi River  Vilas  BE B B N W PB North facing slopes Mississippi River  Vilas  BE B B N W PB North facing slopes Mississippi River  Vilas  BE B B N Northern forested areas potential breeding in jack pine  Walworth  BE B B B N Northern forested areas potential breeding in jack pine  Walworth  BE B B N Northern forested areas potential breeding in jack pine  Walworth  BE B B N Northern forested areas potential breeding in jack pine  Walwesha  Waukesha  Wet grasslands			stabilized dunes, and blowout areas
eastern prairie fringed orchid  Taylor  BE gray wolf northern forested areas  Trempealeau  PF PB Higgins' eye pearly mussel  Vernon  BE B & W PF PB PB Northern monkshood Higgins' eye pearly mussel  Vilas  BE gray wolf Kirtlan's warbler 1  Walworth  PASHON PE PB Northern forested areas potential breeding in jack pine  Washburn  BE B Gray wolf Kirtlan's wet grasslands  Washburn  BE B B Northern forested areas potential breeding in jack pine  Watheap PB Northern forested areas potential breeding in jack pine  Washburn  BE B B Northern forested areas potential breeding in jack pine  Watheap PB Northern forested areas potential breeding in jack pine  Washburn  BE B Gray wolf Kirtland's wet grasslands  Washburn  Washburn  Waukesha  Waukesha  Washesha		thistle	
Taylor  BE gray wolf northern forested areas  Trempealeau  BE W PF PB Higgins' eye pearly mussel  Vernon  BE B W PF PB Mississippi River  Wernon  BE PF PB Northern monkshood Higgins' eye pearly mussel  Vilas  BE Gray wolf Kirtlan's warbler 1  Walworth  BE Gray wolf Kirtlan's warbler 1  Washburn  BE B Gray wolf Kirtlan's warbler 1  Washburn  BE Gray wolf Kirtlan's warbler 1  Washburn  Was		eastern	
Taylor  BE gray wolf northern forested areas  Trempealeau  BE PF PB Higgins' eye pearly mussel  Vernon  BE PF PB Mississippi River  BE PF PB Mississippi River  Washburn  BE gray wolf Kirtlan's warbler 1  Washburn  BE gray wolf Kirtlan's wet grasslands  Washburn  BE gray wolf Kirtlan's warbler 1  Washburn  BE gray wolf Kirtland's warbler 1  Waukesha  Washburn  BE warbler 1  Waukesha  Washburn  Washburn  BE gray wolf Kirtland's warbler 1  Waukesha  Waukesha  Washburn  Washburn  Washburn  BE warbler 1  Waukesha  Waukesha  Washburn  W		prairie fringed	
gray wolf northern forested areas  Trempealeau  BE PF Higgins' eye pearly mussel  Vernon  BE PF Northern monkshood Higgins' eye pearly mussel  Vilas  BE gray wolf Kirtlan's warbler 1  Washburn  BE gray wolf Kirtlan's warbler 1  Washburn  BE gray wolf Kirtlan's warbler 1  Washburn  BE gray wolf Kirtlan's warbler 1  Wet grasslands  Northern forested areas potential breeding in jack pine  Wet grasslands  Northern forested areas potential breeding in jack pine  Wet grasslands  Wet grasslands  Wet grasslands  Northern forested areas potential breeding in jack pine  Wet grasslands  Wet grasslands  Wet grasslands			
Trempealeau  BE PF Higgins' eye pearly mussel  Vernon  BE PF Northern monkshood Higgins' eye pearly mussel  Vilas  BE Gray wolf Kirtlan's warbler 1  Walworth  Washburn  BE Gray wolf Kirtlan's warbler 1  Wather Higgins' eye pearly mussel  BE Gray wolf Kirtlan's warbler 1  Wet grasslands  Washburn  BE Gray wolf Kirtlan's wet grasslands	Taylor		, –
Vernon  BE PF PB Mississippi River  Vernon  BE PF PB northern monkshood Higgins' eye pearly mussel  Vilas  BE gray wolf Kirtlan's warbler 1  Walworth  BE gray wolf Kirtlan's potential breeding in jack pine  Washburn  BE gray wolf Kirtlan's wet grasslands  Washburn  BE gray wolf Kirtlan's wet grasslands  Washburn  BE gray wolf Kirtland's potential breeding in jack pine  Washburn  BE gray wolf Kirtland's potential breeding in jack pine  Waukesha  Waukesha  Waukesha  Washburn  BE gray wolf Kirtland's potential breeding in jack pine  Wat grasslands  Wet grasslands			
Washburn  Higgins' eye pearly mussel  BE PF PB northern monkshood Higgins' eye pearly mussel  Walworth  Washburn  Higgins' eye pearly mussel  BE gray wolf Kirtlan's warbler¹  Washburn  BE gray wolf Kirtlan's warbler¹  Washburn  BE gray wolf Kirtlan's warbler¹  Washburn  BE gray wolf Kirtlan's potential breeding in jack pine  Wathout wet grasslands  Northern forested areas potential breeding in jack pine  Wet grasslands  Northern forested areas potential breeding in jack pine  Wet grasslands  Wet grasslands  Wet grasslands  Wet grasslands  Wet grasslands  Wet grasslands	Trempealeau		
Vernon    BE			
Walworth  BE PF northern monkshood Higgins' eye pearly mussel  BE gray wolf Kirtlan's warbler ¹  Walworth  BE gray wolf Kirtlan's warbler ¹  BE gray wolf Kirtlan's warbler ¹  BE gray wolf Kirtlan's warbler ¹  Washburn  BE gray wolf Northern forested areas potential breeding in jack pine  BE gray wolf orchid  Wet grasslands  BB northern forested areas potential breeding in jack pine  Wet grasslands  BB gray wolf Kirtland's warbler ¹  Waukesha  BB gray wolf Kirtland's warbler ¹  Waukesha  BB gray wolf Kirtland's warbler ¹  Wet grasslands			Mississippi River
PF northern monkshood Higgins' eye pearly mussel  Vilas  BE gray wolf Kirtlan's warbler 1  Washburn  BE gray wolf prairie fringed orchid  Waskesha  PB north facing slopes Mississippi River  Be gray wolf northern forested areas  Finged orchid  Wet grasslands  Wet grasslands  Wet grasslands  Wet grasslands			
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County	Species	Habitat
Waupaca	Be Karner blue butterfly	B & W prairie, oak savanna, and jack pine areas with wild lupine
Waushara	BE Fassett's locoweed Karner blue butterfly	B open sandy lakeshores prairies, oak savanna, and jack pine areas, with wild lupine
Winnebago	BE eastern prairie fringed orchid	B & W wet grasslands
Wood	BE Karner blue butterfly Gray wolf	B prairie, oak savanna, and jack pine areas with wild lupine northern forested areas

<sup>&</sup>lt;sup>1</sup> Kirtland's warblers are not known to nest in Wisconsin. Singing <u>males</u> only were present in 1978, 1979. 1980, 1988, 1989, 1990, 1991 and 1992.

#### **Listed Species**

E = endangered

T = threatened

**B** = breeding

**W** = wintering

**PB** = potential breeding

**PT** = proposed threatened

Т	bald eagle	haliaeetus leucocephalus
E	peregrine falcon	falco peregrinus
E	Kietlands's warbler	dendrocica kirtlandii
Ē	piping plover	charadrius melodus
Ē	gray wolf	canis lupus
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E	Karner blue butterfly	lycaeides melissa samuelis
E	Higgins' eye pearly mussel	lampsilis higginsi
Ε	winged mapleleaf mussel	quadrula fragosa
T	northern monkshood	aconitum noveboracense
Т	prairie bush-clover	lespedeza leptostachya
Т	Pitcher's thistle	cirsium pitcheri
Т	fassett's locoweed	oxytropis campestris var. chartaceae
Т	dwarf lake iris	iris lacustris
T	eastern prairie finged orchid	platanthera leucohaea
Ē	Hine's emerald dragonfly	somatochlora hineana
PT	Canada lynx	lynx canadensis

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